

FACT SHEET
Southeast Coast of Oahu, Hawaii
Regional Sediment Management
Operations and Maintenance, General

PROJECT NAME AND STATE: Southeast Coast of Oahu, Hawaii, Regional Sediment Management Demonstration Project

AUTHORIZATION: The Regional Sediment Management Program utilizes existing authorities in the systems level management of sediment to realize life-cycle project cost savings, foster natural processes, solve engineering problems and improve the environment. The program is funded through the Operation and Maintenance, General account.

SUMMARIZED FINANCIAL DATA:

Estimated Federal Cost	Study \$1,250,000
Estimated Non-Federal Cost	0 ^{1/}
Allocation for FY 2003	0
Allocation for FY 2004	50,000
Budget Request for FY 2005	500,000
Balance to Complete After FY 2005 Budget Request	700,000
Amount that Could be Used in FY 2005	500,000

^{1/} Regional Sediment Management (RSM) program is 100% federally funded.

LOCATION AND DESCRIPTION: The Southeast Oahu Region is located on the southeast shoreline of the island of Oahu, Hawaii. The project area extends from Mokapu Point to the north and Makapuu Point to the south. Project purposes include storm damage reduction and navigation. Sediment transport processes in the region are difficult to quantify, and RSM solutions are not readily apparent. In addition, sand sources for this region have not been identified. Products to be delivered by this project will increase understanding of the physical processes of beaches and littoral systems, ultimately leading to preservation and restoration of beaches in the State of Hawaii that will potentially be applicable to many island areas. Final products include a sand source inventory, web-enabled geographic information systems platform for the region, site-specific coastal processes modeling and a long-term beach management plan.

PROPOSED ACTIVITIES FOR FY 2004: Funds are being expended this fiscal year to develop RSM implementation strategies for FY 2005. A workshop will be conducted with federal, state and local interests to introduce the concept of RSM, identify erosional hotspots and sand sources within the region and discuss best sediment management practices.

APPLICATION OF THE AMOUNT THAT COULD BE USED IN FY 2005: FY 2005 funding will be used to conduct field investigations, collect bathymetric and coastal processes data, initiate computer modeling tasks and continue coordination.

ISSUES AND OTHER INFORMATION: No issues have been identified.

ADMINISTRATION POSITION: The proposed work is consistent with Executive Branch policies to reduce the long-term cost of federal projects.

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Data as of December 2004.

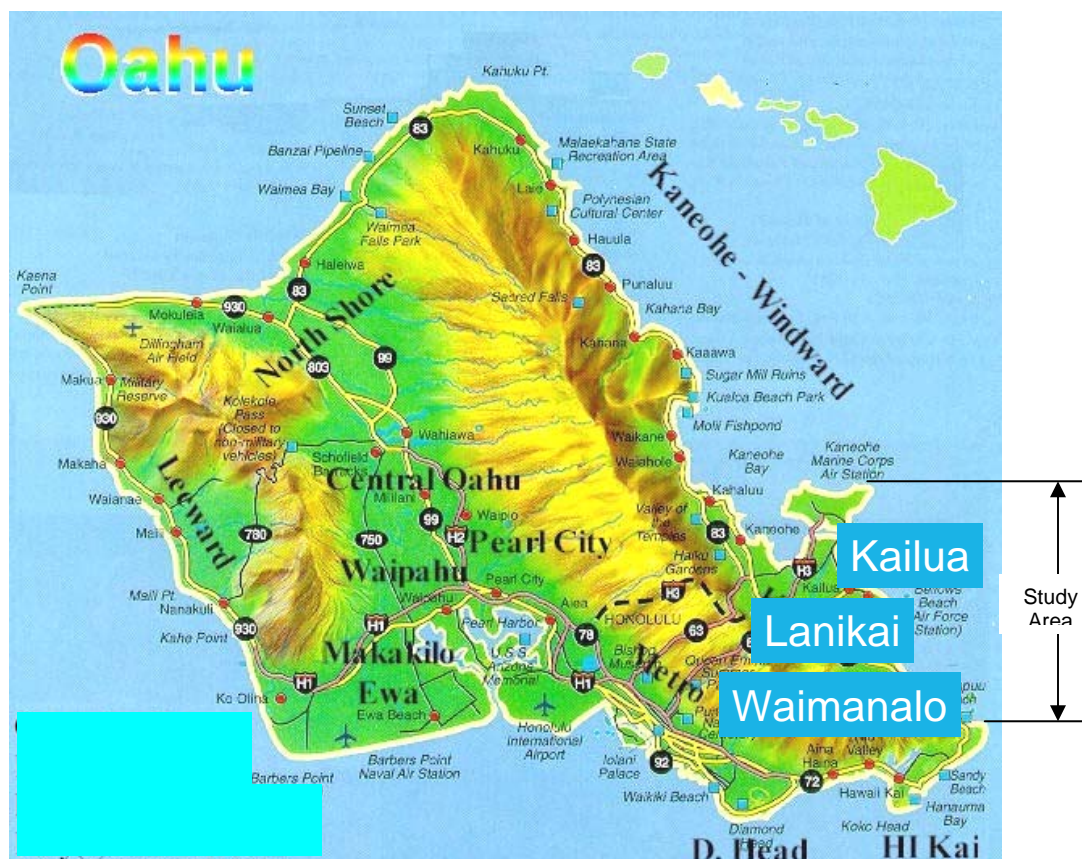


Figure 1. Study area